

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050718\
 Data File : VU023708.D
 Acq On : 07 May 2018 11:58
 Operator : MD/SY
 Sample : J2717-03MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 08 04:37:51 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 07 00:51:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	288093	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	271890	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	128809	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	107186	52.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.98%
7) Chloroethane-d5	1.68	69	87963	56.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	113.04%
11) 1,1-Dichloroethene-d2	2.27	63	196575	49.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.76%
21) 2-Butanone-d5	4.18	46	196077	138.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	138.99%#
24) Chloroform-d	4.65	84	206875	61.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	122.52%
26) 1,2-Dichloroethane-d4	5.31	65	140588	59.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.72%
32) Benzene-d6	5.35	84	438619	60.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	120.26%
36) 1,2-Dichloropropane-d6	6.34	67	151520	62.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	124.02%#
41) Toluene-d8	7.57	98	390325	58.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.08%
43) trans-1,3-Dichloropropene-	7.85	79	61610	58.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	117.14%
47) 2-Hexanone-d5	8.31	63	143550	154.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	154.70%#
57) 1,1,2,2-Tetrachloroethane-	10.44	84	201534	63.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	127.54%#
64) 1,2-Dichlorobenzene-d4	11.86	152	162297	64.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	129.18%#

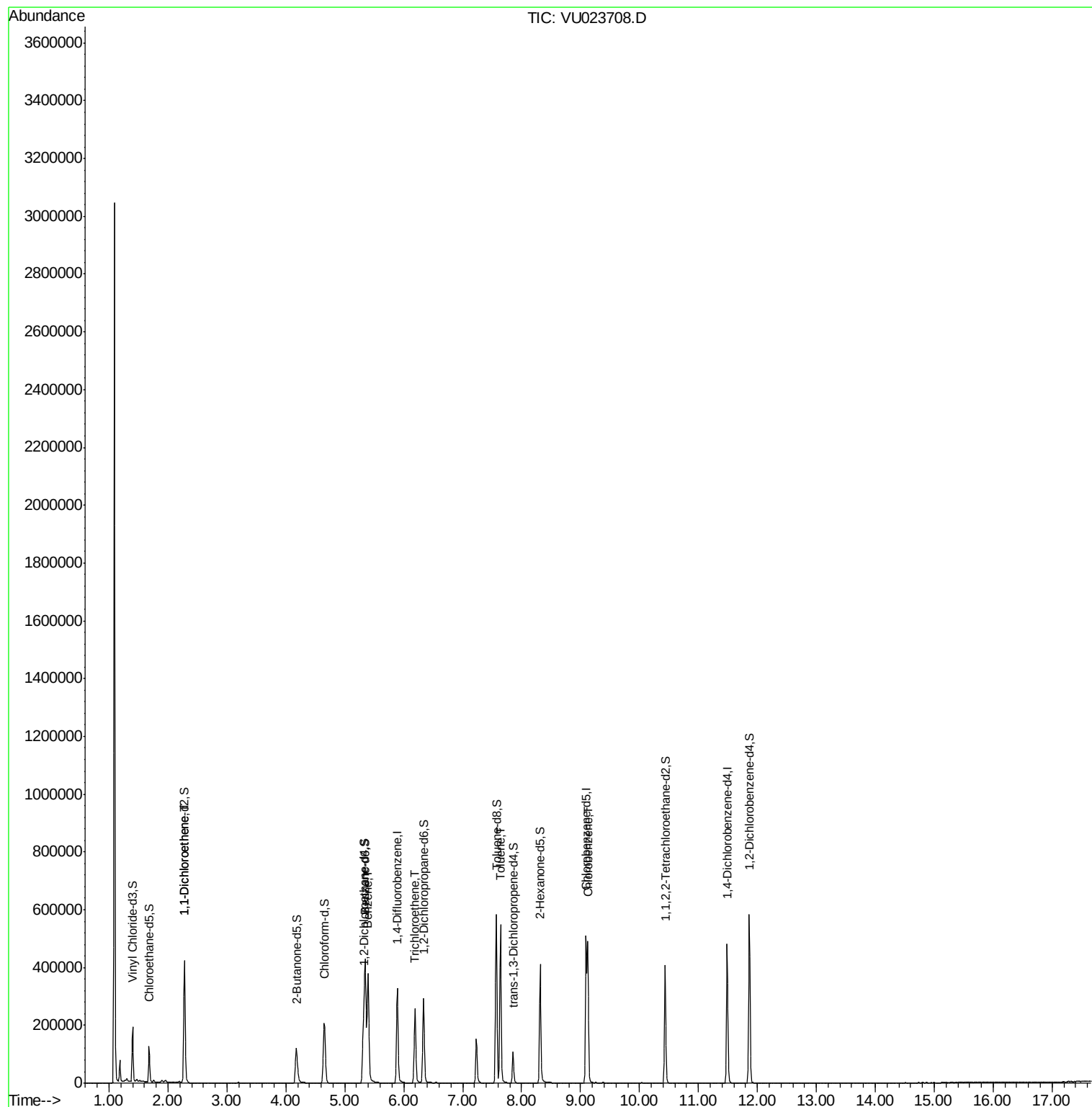
Target Compounds

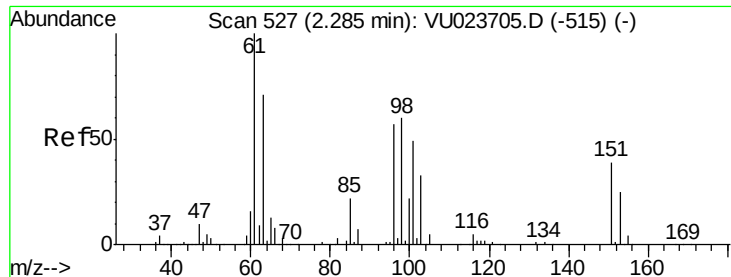
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.28	96	78825	37.49	ug/L	86
33) Benzene	5.39	78	381720	39.84	ug/L	100
34) Trichloroethene	6.19	95	95959	39.09	ug/L	97
42) Toluene	7.64	91	399391	40.22	ug/L	100
51) Chlorobenzene	9.12	112	258192	39.02	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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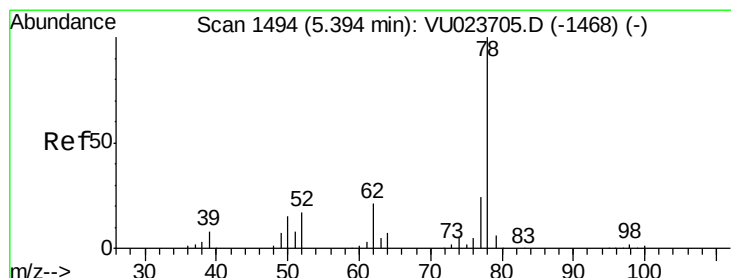
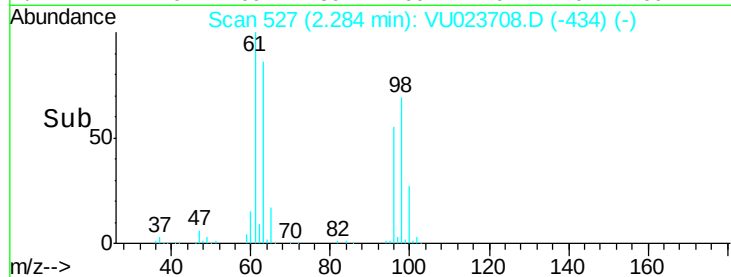
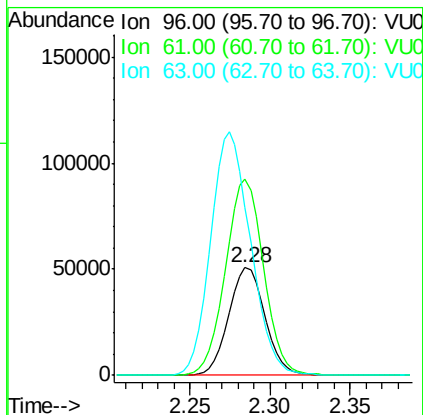
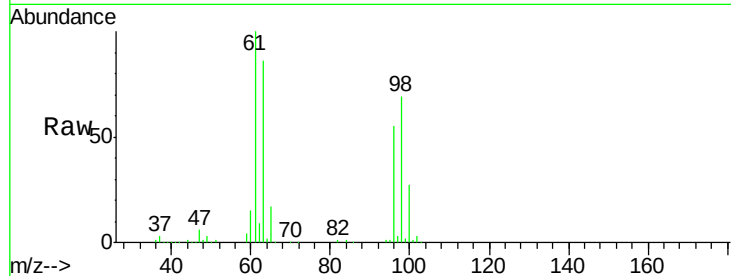
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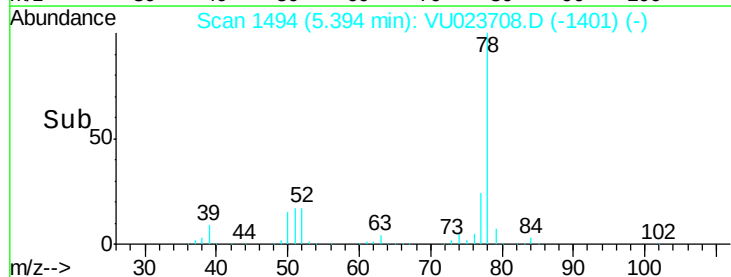
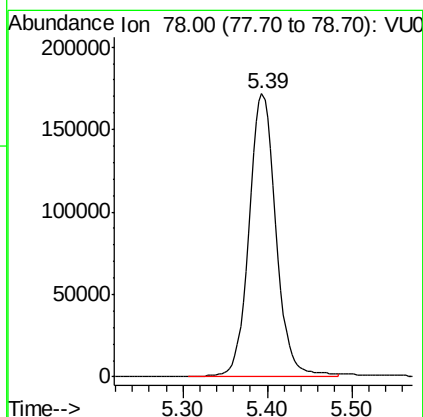
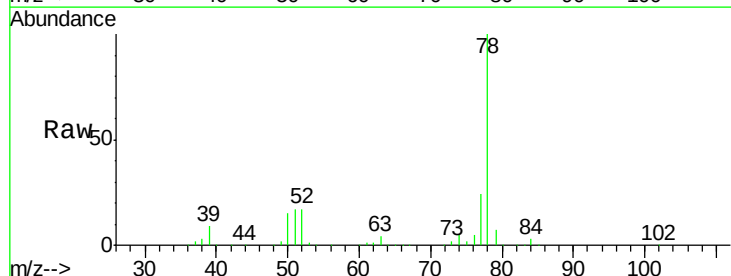
#12
 1,1-Dichloroethene
 Concen: 37.49 ug/L
 RT: 2.28 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: VU023708.D
 Acq: 07 May 2018 11:58

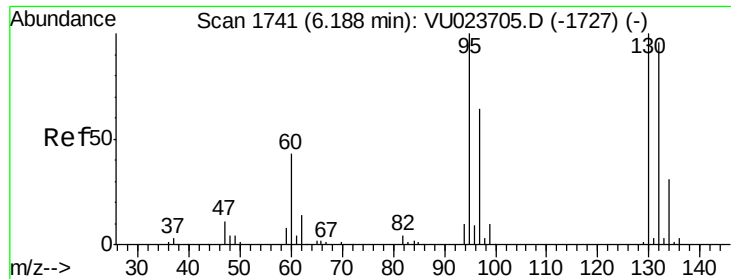
Tot Ion	Resp	Lower	Upper
96	100		
61	182.6	125.9	233.7
63	156.7	84.8	157.6



#33
 Benzene
 Concen: 39.84 ug/L
 RT: 5.39 min Scan# 1494
 Delta R.T. -0.00 min
 Lab File: VU023708.D
 Acq: 07 May 2018 11:58

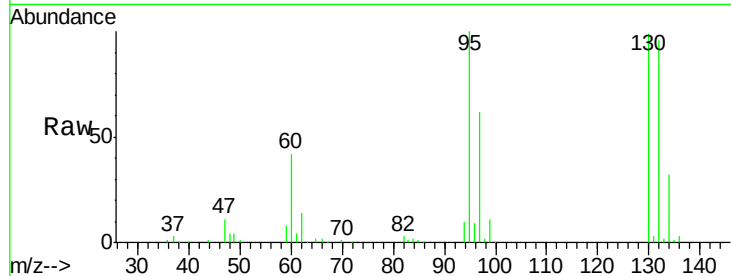
Tgt Ion: 78 Resp: 381720



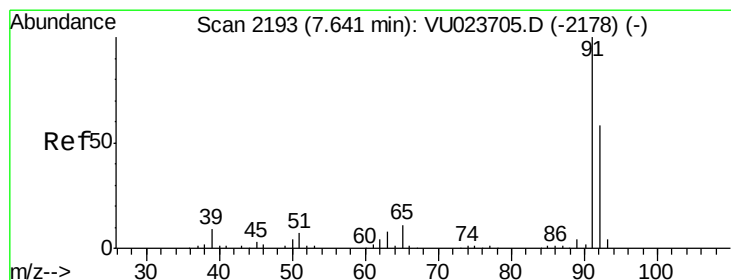
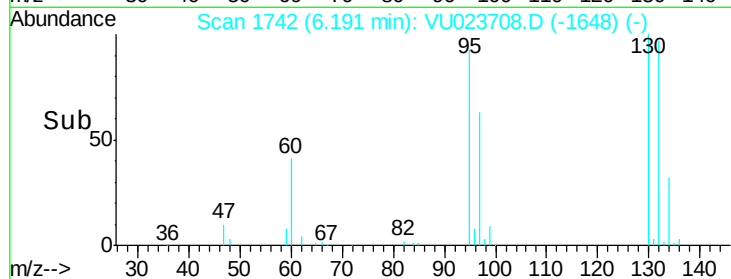
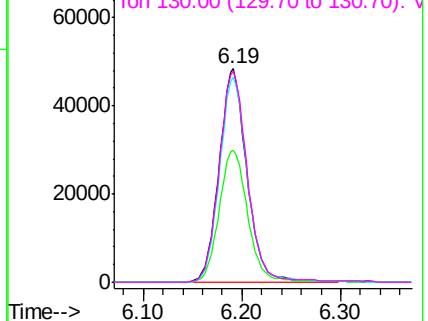


#34
 Trichloroethene
 Concen: 39.09 ug/L
 RT: 6.19 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VU023708.D
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Tot Ion:	95	Resp:	95959
Ion	Ratio	Lower	Upper
95	100		
97	62.0	46.3	85.9
132	96.0	68.5	127.1
130	99.1	70.8	131.4

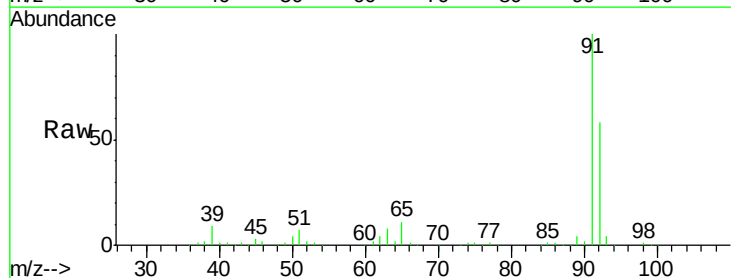


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

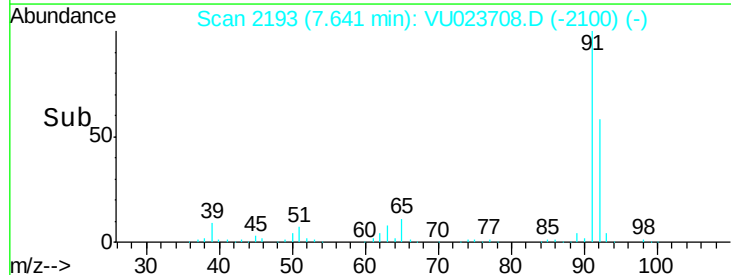
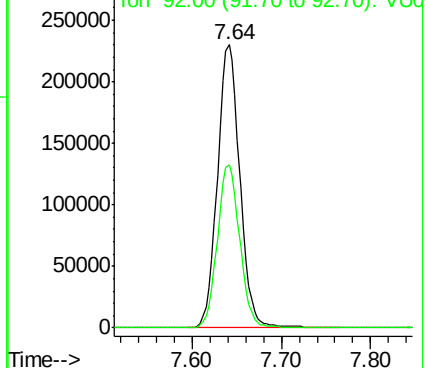


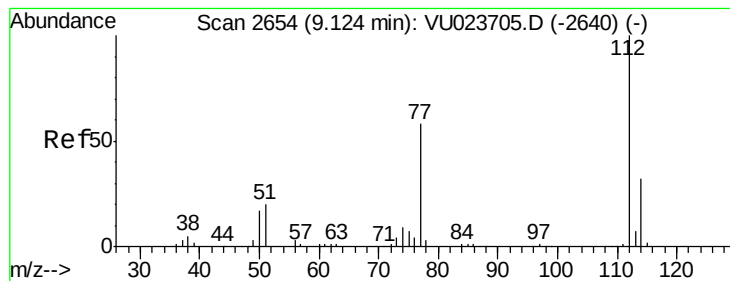
#42
 Toluene
 Concen: 40.22 ug/L
 RT: 7.64 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VU023708.D
 Acq: 07 May 2018 11:58

Tgt Ion:	91	Resp:	399391
Ion	Ratio	Lower	Upper
91	100		
92	57.6	40.3	74.9



Abundance Ion 91.00 (90.70 to 91.70): VU0
 Ion 92.00 (91.70 to 92.70): VU0





#51

Chlorobenzene

Concen: 39.02 ug/L

RT: 9.12 min Scan# 2654

Delta R.T. -0.00 min

Lab File: VU023708.D

Acq: 07 May 2018 11:58

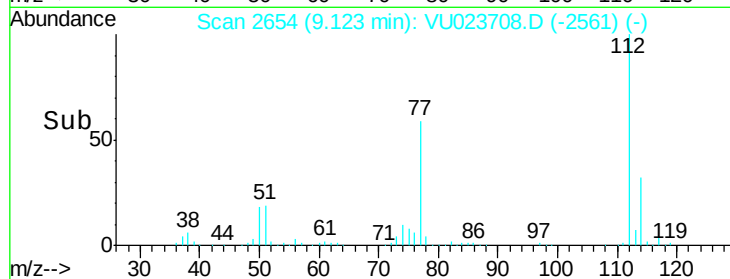
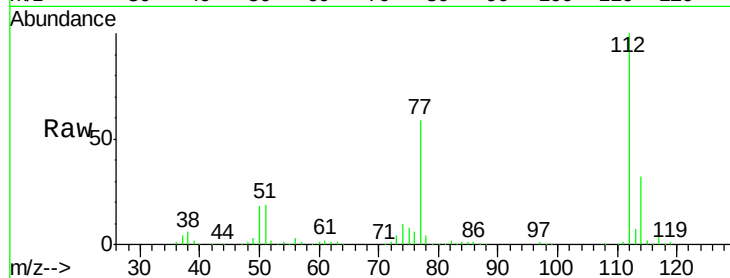
Tot Ion:112 Resp: 258192

Ion Ratio Lower Upper

112 100

114 32.0 22.7 42.3

77 58.6 47.5 71.3



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU0

